
	Recommended Program of Study for: <b>Animal Science</b>				
Career Cluster: Agriculture Food and Natural Resources			Career Pathway: Animal Systems		
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Postsecondary	
English I	English II	English III	English IV	College of Southern Nevada Great Basin College Truckee Meadows Community College University of Nevada, Las Vegas University of Nevada, Reno Western Nevada College	
Algebra I	Geometry I	Algebra II	Senior Level Math Course		
Biology	Chemistry	Science or Elective	Elective <sup>1</sup>		
Health / Computer Literacy	World History	US History	US Government		
Physical Education	Physical Education	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Foreign Language <sup>2</sup> or Elective <sup>1</sup>		
Agriculture Science I	Agriculture Science II	Animal Science	Animal Science Advanced Studies	Career and Technical Student Organizations	
Work-Based Learning		Secondary	-- Articulation --		Postsecondary
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers		Agriculture Science I Agriculture Science II Animal Science	Up to 3 credits at Great Basin College  (subject to change)		FFA
CTE Assessments <sup>3</sup>		Available Industry Certifications		High Wage - High Skill - High Demand Careers <sup>4</sup>	
-End of Program Technical Assessment for Animal Science -Workplace Readiness Skills Assessment (for Employability Skills Standards)		<u>Certification</u> Beef Quality Assurance Youth Pork Quality Assurance	<u>Provider</u> Western Region Alliance-BQA.org National Pork Board	Animal Geneticist Animal Caretaker Education and Extension Specialist Reproductive Physiologist	AI Technician Animal Scientist Biotechnology Lab Technician Embryo Transfer Technician

This Program of Study is based upon the requirements needed for an Advanced Diploma. Academic course names may vary among school districts. All students must pass the high school proficiency exams to qualify for any high school diploma.

<sup>1</sup> Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

<sup>2</sup> Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

<sup>3</sup> CTE Assessments will be administered during the completion level CTE course.

<sup>4</sup> For additional career and employment information visit <http://www.nvcis.intocareers.org/> and <http://www.NevadaYouth.org>